

FIG. 1
Prior Art

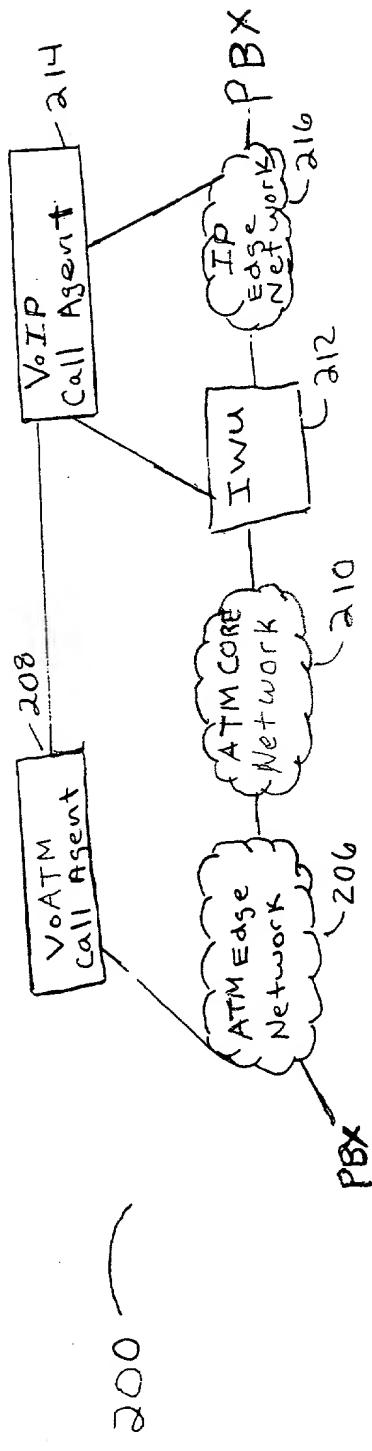


Fig. 2

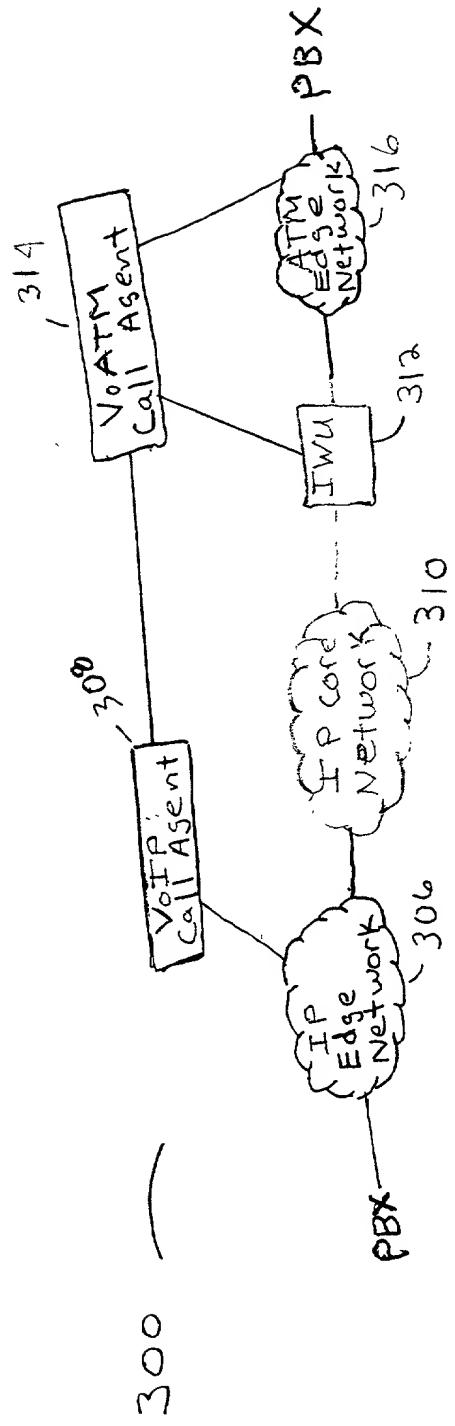


Fig. 3

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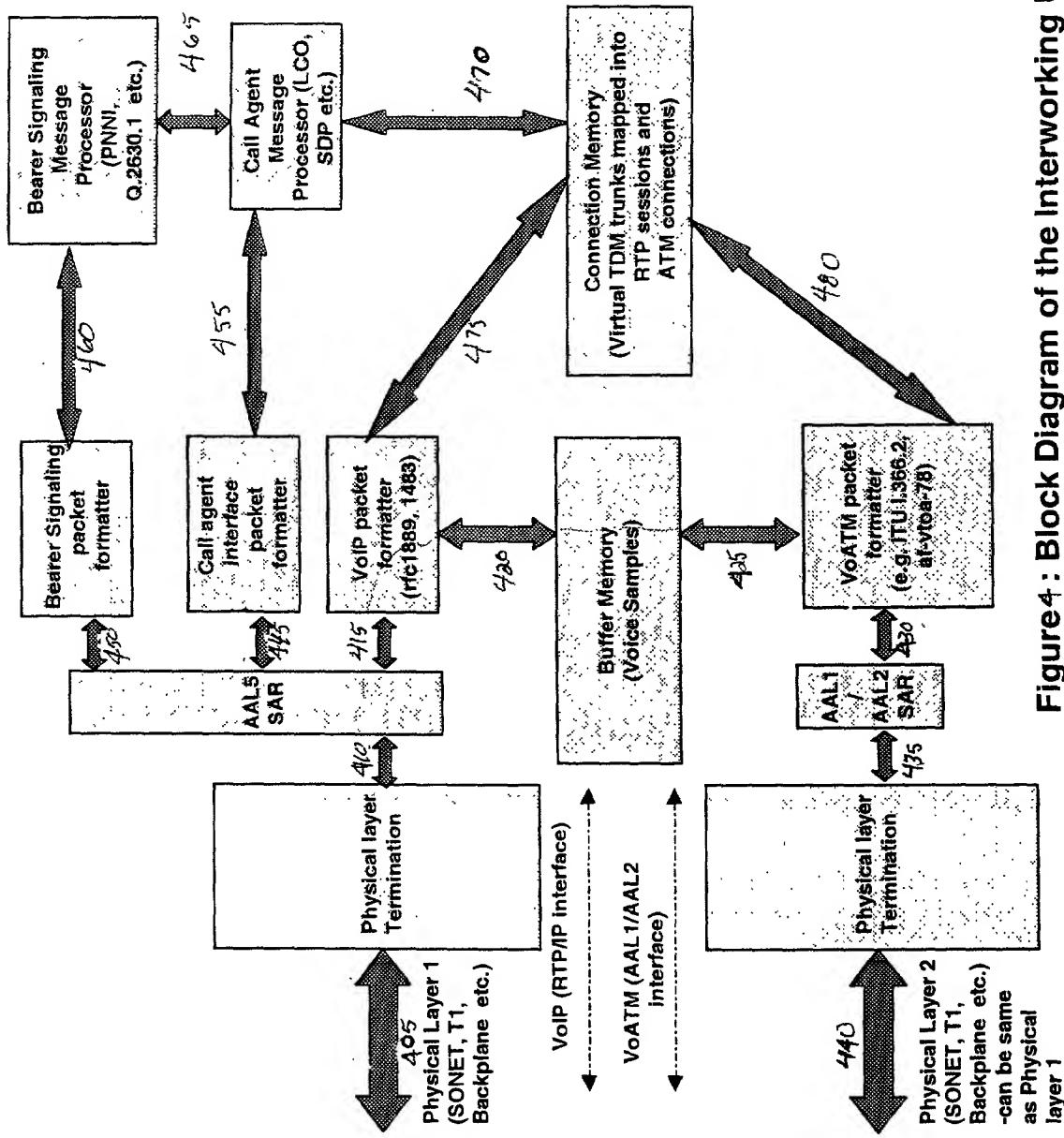


Figure 4: Block Diagram of the Interworking Unit

The VoATM call agent forwards ATM edge gateway address information and Codecs (SDP1) to the VoIP call agent. - 505

The VoIP call agent uses the information in SDP1 to generate IP codec parameters and packetization-time parameters (SDP2) - 510

The VoIP call agent forwards SDP1 and SDP2 to the IWU which generates its own session description in response (SDP3) - 515

If necessary, the IWU uses the information in SDP1 to set up an ATM path to the ATM edge gateway. - 520

The IWU forwards SDP3 to the IP edge gateway which provides the VoIP call agent with its own IP address, RTP port number, and preferred codecs (SDP4). - 525

The VoIP call agent converts the IP-specific parameters in SDP4 into ATM form (SDP5) and forwards SDP4 and SDP5 to the IWU. - 530

The IWU sends a session description (SDP6) to the VoIP call agent. SDP6 is forwarded to the ATM edge gateway. - 535

The VoIP call agent sends SDP6 through to the VoATM edge gateway establishing end-to-end connection. - 540

Fig. 5